



BLOUNT COUNTY GOVERNMENT

STORMWATER DEPARTMENT

1221 McArthur Road

Maryville, TN 37804

Phone: 865-681-9301 Fax: 865-681-9502

September 29, 2014

Mr. Jason Mann
TDEC
Knoxville Environmental Field Office
Division of Water Pollution Control
3711 Middlebrook Pike
Knoxville, TN 37921

**RE: MS4 Annual Report
Blount County
TNS075116**

Dear Mr. Mann:

Please find attached Blount County's Small Municipal Separate Storm Sewer System (MS4) Annual Report. The reporting period is from July 1, 2013 to June 30, 2014.

Please don't hesitate to contact me if you have any questions or comments in regard to the submitted report. I may be reached at (865)681-9301 or by email at jteague@blounttn.org if you may have any questions or comments.

Sincerely,

A handwritten signature in blue ink that reads "Justin M. Teague".

Justin M. Teague

Blount County Stormwater Program Coordinator



Tennessee Department of Environment and Conservation
Division of Water Pollution Control
Enforcement and Compliance Section
L&C Annex, 6th Floor, 401 Church Street
Nashville, TN 37243
(615) 532-0625

Small Municipal Separate Storm Sewer System (MS4) Annual Report

1. MS4 INFORMATION

Blount County

Name of MS4

Justin Teague

Name of Contact Person

(865)681-9301

Telephone (including area code)

1221 McArthur Road

Mailing Address

Maryville

TN

37804

City

State

ZIP code

What is the current population of your MS4? Urbanized Area= 46,500 Entire County= 124,042

What is the reporting period for this annual report? From July 1, 2013 to June 30, 2014

2. PROTECTION OF STATE OR FEDERALLY LISTED SPECIES

- A. Are any of the MS4 discharges or discharge-related activities likely to jeopardize any state or federally listed species (**Part 3, Special Conditions, General Permit for Phase II MS4s**) ☒ Yes ☐ No

B. Please attach the determination of the effect of the MS4 discharges on state or federally listed species per sub-part 3.2.1

3. WATER QUALITY PRIORITIES

- A. Does your MS4 discharge to waters listed as impaired on the state 303(d) list? ☒ Yes ☐ No

B. If yes, identify each impaired water, the impairment cause(s), whether a TMDL has been approved by EPA for each, and whether the TMDL identifies your MS4 as a source of the impairment.

Waterbody I.D. #	Cause/TMDL Priority	Approved TMDL		MS4 Assigned to WLA	
See Appendix A		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
		<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No

C. What specific sources of these pollutants of concern are you targeting? Urban runoff, sedimentation, pathogens

D. Do you have discharges to any Exceptional TN Waters (ETWs) or Outstanding National Resource Waters (ONRWs)? ☒ Yes ☐ No

E. Are you implementing additional specific provisions to ensure the continued integrity of ETWs or ONRWs located within your jurisdiction? ☐ Yes ☒ No

4. PUBLIC EDUCATION AND PUBLIC PARTICIPATION

- A. Is your public education program targeting specific pollutants and sources of those pollutants? ☒ Yes ☐ No

Small Municipal Separate Storm Sewer System (MS4) Annual Report

B. If yes, what are the specific causes, sources and/or pollutants addressed by your public education program?
Hotspot Education: Automotive/Food Industry waste and runoff. The County partnered with Keep Blount Beautiful (KBB) to hold a targeted pollution prevention training class for automotive/food industry managers/owners.
General Stormwater Education: All types of typical stormwater pollutants. The County partnered with KBB to help with the education. KBB held in-class room and extracurricular events targeting school age children about general stormwater pollution prevention topics.

- C. Note specific successful outcome(s) (NOT tasks, events, publications) fully or partially attributable to your public education program during this reporting period. General: 11,925 Adults & 11,217 Children Educated on Water Quality. Hotspot education: Educated 17 automotive/food industry establishments. Adopt-A-Stream Program: 7 events, 110 participants, and 93 bags of trash collected.
- D. Do you have an advisory committee or other body comprised of the public and other stakeholders that provides regular input on your stormwater program? ☐ Yes ☒ No
- E. Provide a summary of all public meetings required by the permit. County Commission and Planning Commission: 12 meetings each (monthly).

5. CODES AND ORDINANCES REVIEW AND UPDATE

- A. Is a completed copy of the EPA Water Quality Scorecard submitted with this report? ☐ Yes ☒ No
- B. Include status of implementation of code, ordinance and/or policy revisions associated with permanent stormwater management. No revisions at this time. Will be addressed in 2015. EPA scorecard available upon request.

6. CONSTRUCTION

- A. Do you have an ordinance or adopted policies stipulating:
- | | | |
|------------------------------------------------------|-----------------------------------------|-----------------------------|
| Erosion and sediment control requirements? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Other construction waste control requirements? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| Requirement to submit construction plans for review? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| MS4 enforcement authority? | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
- B. How many active construction sites disturbing at least one acre were there in your jurisdiction this reporting period? 13
- C. How many of these active sites did you inspect this reporting period? 13
- D. On average, how many times each, or with what frequency, were these sites inspected (e.g., weekly, monthly, etc.)? Monthly
- E. Do you prioritize certain construction sites for more frequent inspections? ☒ Yes ☐ No
If Yes, based on what criteria? All permitted construction sites are considered priority sites within the urbanized area of the County. If a construction site has violations or if the site contains or borders a waterbody, it will be inspected more frequently.

7. ILLICIT DISCHARGE ELIMINATION

- A. Have you completed a map of all outfalls and receiving waters of your storm sewer system? ☐ Yes ☒ No
- B. Have you completed a map of all storm drain pipes of storm sewer system? ☐ Yes ☒ No
- C. How many outfalls have you identified in your system? 206
- D. How many of these outfalls have been screened for dry weather discharges? 0 - However, if a discharge was observed during mapping, it was noted, investigated and addressed. Also addressed if a complaint was received.
- E. How many of these have been screened more than once? 0
- F. What is your frequency for screening outfalls for illicit discharges? We plan to start dry weather screening in the Fall/Winter of 2014/2015 depending on the weather.
- G. Do you have an ordinance that effectively prohibits illicit discharges? ☒ Yes ☐ No
- H. During this reporting period, how many illicit discharges/illegal connections have you discovered (or been reported to you)? 5
- I. Of those illicit discharges/illegal connections that have been discovered or reported, how many have been eliminated? 4

8. STORMWATER MANAGEMENT FOR MUNICIPAL OPERATIONS

- A. Have stormwater pollution prevention plans (or an equivalent plan) been developed for:

Small Municipal Separate Storm Sewer System (MS4) Annual Report

- | | | |
|---------------------------------------------------------------------|-----------------------------------------|----------------------------------------|
| All parks, ball fields and other recreational facilities | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| All municipal turf grass/landscape management activities | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| All municipal vehicle fueling, operation and maintenance activities | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| All municipal maintenance yards | <input checked="" type="checkbox"/> Yes | <input type="checkbox"/> No |
| All municipal waste handling and disposal areas | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

B. Are stormwater inspections conducted at these facilities? ☒ Yes ☐ No

1. If Yes, at what frequency are inspections conducted? Annually

C. Have standard operating procedures or BMPs been developed for all MS4 field activities? (e.g., road repairs, catch basin cleaning, landscape management, etc.) ☒ Yes ☐ No

D. Do you have a prioritization system for storm sewer system and permanent BMP inspections? ☐ Yes ☒ No

E. On average, how frequently are catch basins and other inline treatment systems inspected? On a complaint basis or as needed for repair/replacement

F. On average, how frequently are catch basins and other inline treatment systems cleaned out/maintained? On a complaint basis or as needed

G. Do municipal employees in all relevant positions and departments receive comprehensive training on stormwater management? ☒ Yes ☐ No

H. If yes, do you also provide regular updates and refreshers? ☒ Yes ☐ No

If so, how frequently and/or under what circumstances? Annually or biennial

9 PERMANENT STORMWATER CONTROLS

A. Do you have an ordinance or other mechanism to require:

Site plan reviews of all new and re-development projects? ☒ Yes ☐ No

Maintenance of stormwater management controls? ☒ Yes ☐ No

Retrofitting of existing BMPs with green infrastructure BMPs? ☐ Yes ☒ No

B. What is the threshold for new/redevelopment stormwater plan review? (e.g., all projects, projects disturbing greater than one acre, etc.) Any new development or redevelopment project disturbing one or more acre(s).

C. Have you implemented and enforced performance standards for permanent stormwater controls? ☒ Yes ☐ No

D. Do these performance standards go beyond the requirements found in paragraph 4.2.5.2 and require that pre-development hydrology be met for:

Flow volumes ☐ Yes ☒ No

Peak discharge rates ☐ Yes ☒ No

Discharge frequency ☐ Yes ☒ No

Flow duration ☐ Yes ☒ No

E. Please provide the URL/reference where all permanent stormwater management standards can be found.
<http://www.blounttn.org/stormwater.asp>

F. How many development and redevelopment project plans were reviewed for this reporting period? 6

G. How many development and redevelopment project plans were approved? 6

H. How many permanent stormwater management practices/facilities were inspected? 0

I. How many were found to have inadequate maintenance? N/A, see above

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- J. Of those, how many were notified and remedied within 30 days? (If window is different than 30 days, please specify) N/A, see above
- K. How many enforcement actions were taken that address inadequate maintenance? N/A, see above
- L. Do you use an electronic tool (e.g., GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintenance? ☒ Yes ☐ No
- M. Do all municipal departments and/or staff (as relevant) have access to this tracking system? ☐ Yes ☒ No
- N. Has the MS4 developed a program to allow for incentive standards for redeveloped sites? ☐ Yes ☒ No
- O. How many maintenance agreements has the MS4 approved during the reporting period? 0

10. ENFORCEMENT

- A. Identify which of the following types of enforcement actions you used during the reporting period, indicate the number of actions, the minimum measure (e.g., construction, illicit discharge, permanent stormwater control) or note those for which you do not have authority:

Action	Construction	Permanent Stormwater Controls	Illicit Discharge	Authority?	
Notice of violation	<u>#0</u>	<u>#N/A - see 9 H above</u>	<u>#5</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Administrative fines	<u>#0</u>	<u>#N/A</u>	<u>#0</u>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Stop Work Orders	<u>#1</u>	<u>#N/A</u>	<u>#0</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Civil penalties	<u>#0</u>	<u>#N/A</u>	<u>#0</u>	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Criminal actions	<u>#0</u>	<u>#N/A</u>	<u>#0</u>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Administrative orders	<u>#0</u>	<u>#N/A</u>	<u>#0</u>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Other (<u>Written Warning</u>)	<u>#4</u>	<u>#N/A</u>	<u>#0</u>		

- B. Do you use an electronic tool (e.g., GIS, data base, spreadsheet) to track the locations, inspection results, and enforcement actions in your jurisdiction? ☒ Yes ☐ No
- C. What are the 3 most common types of violations documented during this reporting period? Not maintaining BMPs, allowing silt to migrate off site, tracking mud into roadway, and illegal grey water discharges to open ditches.

11. PROGRAM RESOURCES

- A. What was your annual expenditure to implement the requirements of your MS4 NPDES permit and SWMP this past reporting period? \$10,585 - not including employee salary and benefits.
- B. What is next year's budget for implementing the requirements of your MS4 NPDES permit and SWMP? \$40,000 (approximately- due to stream monitoring)
- C. Do you have an independent financing mechanism for your stormwater program? ☐ Yes ☒ No
- D. If so, what is it/are they (e.g., stormwater fees), and what is the annual revenue derived from this mechanism?
Source: _____ Amount \$ _____
Source: _____ Amount \$ _____
- E. How many full time employees does your municipality devote to the stormwater program (specifically for implementing the stormwater program vs. municipal employees with other primary responsibilities that dovetail with stormwater issues)? 1
- F. Do you share program implementation responsibilities with any other entities? ☐ Yes ☒ No

Entity	Activity/Task/Responsibility	Your Oversight/Accountability Mechanism

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12. EVALUATING/MEASURING PROGRESS

- A. What indicators do you use to evaluate the overall effectiveness of your Stormwater Management Program, how long have you been tracking them, and at what frequency? Note that these are not measurable goals for individual BMPs or tasks, but large-scale or long-term metrics for the overall program, such as in-stream macroinvertebrate community indices, measures of effective impervious cover in the watershed, indicators of in-stream hydrologic stability, etc.

Indicator	Began Tracking (year)	Frequency	Number of Locations
Example: E. coli	2003	Weekly April–September	20
Biometric Analysis	2010	Every 5 years	7
Habitat Assessment	2012	Every 5 years	7

- B. Provide a summary of data (e.g., water quality information, performance data, modeling) collected in order to evaluate the performance of permanent stormwater controls installed throughout the system. This evaluation may include a comparison of current and past permanent stormwater control practices. The only data collected is the required TMDL monitoring data. This information can be presented upon request. Monitoring will begin next year for 303(d) listed streams within the Urbanized Area of Blount County.

13. STORMWATER MANAGEMENT PROGRAM UPDATE

- A. Describe any changes to the MS4 program during the reporting period including but not limited to:

Changes adding (but not subtracting or replacing) components, controls or other requirements per **paragraph 4.4.2.a** of the permit. No change.

Changes to replace an ineffective or unfeasible BMP **per paragraph 4.4.2.b** of the permit. No change.

Information (e.g. additional acreage, outfalls, BMPs) on program area expansion based on annexation or newly urbanized areas. Urbanized area previously increased due to 2010 census from 76.8 square miles to 89.3 square miles (this area includes city boundaries).

Changes to the program as required by the division. None, other than permit requirements.

14. CERTIFICATION

This report must be signed by a ranking elected official or by a duly authorized representative of that person. See signatory requirements in sub-part 6.7.2 of the permit.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Ed Mitchell, Mayor
Printed Name and Title

[Signature]
Signature

9-30-14
Date

Annual reports must be submitted in accordance with the requirements of subpart 5.4. (Reporting) of the permit. Annual reports must be submitted to the appropriate Environmental Field Office (EFO) by September 30 of each calendar year, as shown in the table below:

EFO	Street Address	City	Zip Code	Telephone
Chattanooga	540 McCallie Avenue STE 550	Chattanooga	37402	(423) 634-5745
Columbia	1421 Hampshire Pike	Columbia	38401	(931) 380-3371
Cookeville	1221 South Willow Ave.	Cookeville	38506	(931) 432-4015
Jackson	1625 Hollywood Drive	Jackson	38305	(731) 512-1300
Johnson City	2305 Silverdale Road	Johnson City	37601	(423) 854-5400
Knoxville	3711 Middlebrook Pike	Knoxville	37921	(865) 594-6035
Memphis	8383 Wolf Lake Drive	Bartlett	38133	(901) 371-3000
Nashville	711 R S Gass Boulevard	Nashville	37216	(615) 687-7000



BLOUNT COUNTY GOVERNMENT

STORMWATER DEPARTMENT

1221 McArthur Road
Maryville, TN 37804
Phone: 865-681-9301 Fax: 865-681-9502

Small Municipal Separate Storm Sewer System (MS4) Annual Report

Blount County MS4

Annual Report: July 1, 2013 to June 30, 2014

Section 2. B: Protection of State or Federally Listed Species

Blount County has not evaluated whether or not stormwater discharges, allowable non-stormwater discharges and discharge-related activities are likely to jeopardize the continued existence of any state or federally listed species or result in the adverse modification or destruction of habitat that is designated as critical under the ESA.

However, Blount County did use the most recent Rare Species Database County and Watershed Lists and consulted with the local Knoxville Environmental Field Office on this topic. It was determined that there are a couple of Threatened and Endangered Species (T&E) within Blount County's MS4 jurisdiction. Therefore, we have made the determination that Blount County MS4 falls under **Criterion B** of Sec. 3.2.1 of the MS4 Permit. (See attached TDEC correspondence and MS4 maps.)

Justin Teague

From: Leigh Yates <Leigh.Yates@tn.gov>
Sent: Friday, September 19, 2014 10:22 AM
To: 'Justin Teague'
Subject: RE: T&E Species

Justin;

I reviewed the latest T&E species data and there are records of Flame Chubs in Lackey Creek and Springfield Branch in the Louisville area and Maryville. The Flame Chub which is listed as D (deemed for special protection). Snail darters are reported in the Little River near Rockford and are listed as threatened.

Leigh

From: Justin Teague [<mailto:jteague@blounttn.org>]
Sent: Tuesday, September 09, 2014 12:50 PM
To: Leigh Yates
Subject: T&E Species

*** This is an EXTERNAL email. Please exercise caution. DO NOT open attachments or click links from unknown senders or unexpected email - OIR-Security. ***

Leigh,

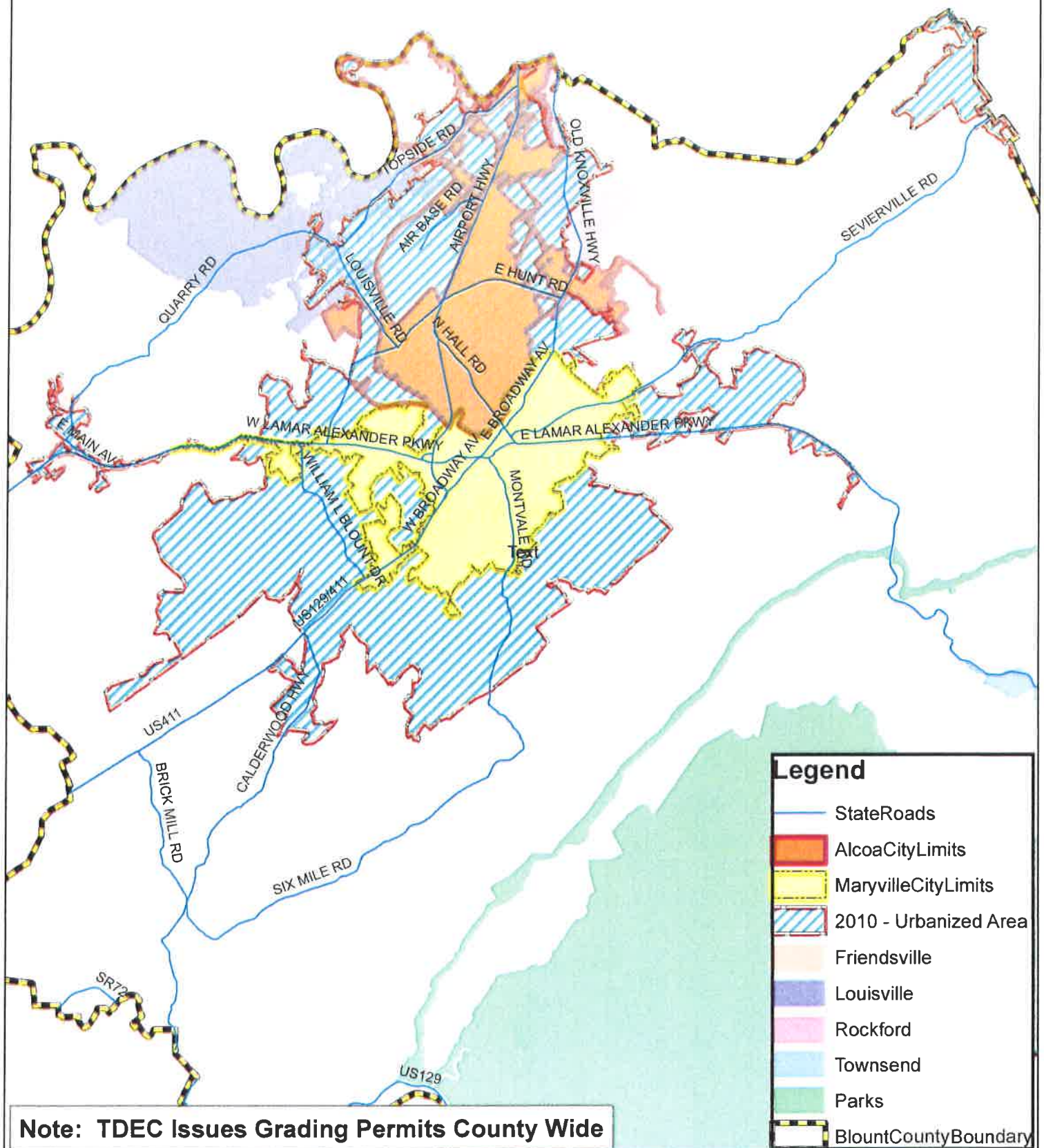
Could you please take a look at the 3 attached maps of Blount County's urbanized area for our MS4 and advise if there are any T&E Species within these areas? I'm needing this info to answer Section 2 of our MS4 Annual Report. Section 2 of the report asks if there are any of MS4 discharges or discharge-related activities likely to jeopardize any state or federally listed species.

Let me know if you have problems reading the maps or if they need to be more detailed.

Thank you for your time.

Justin M. Teague
Director of Development Services
Blount County Government
Phone: (865) 681-9301
Fax: (865) 681-9502

Blount County Stormwater Program Area Coverage 2010 Urbanized Area



Blount County Streams Map



Legend

1 in = 2 miles



Centerlines

Streams

Alcoa City Limits

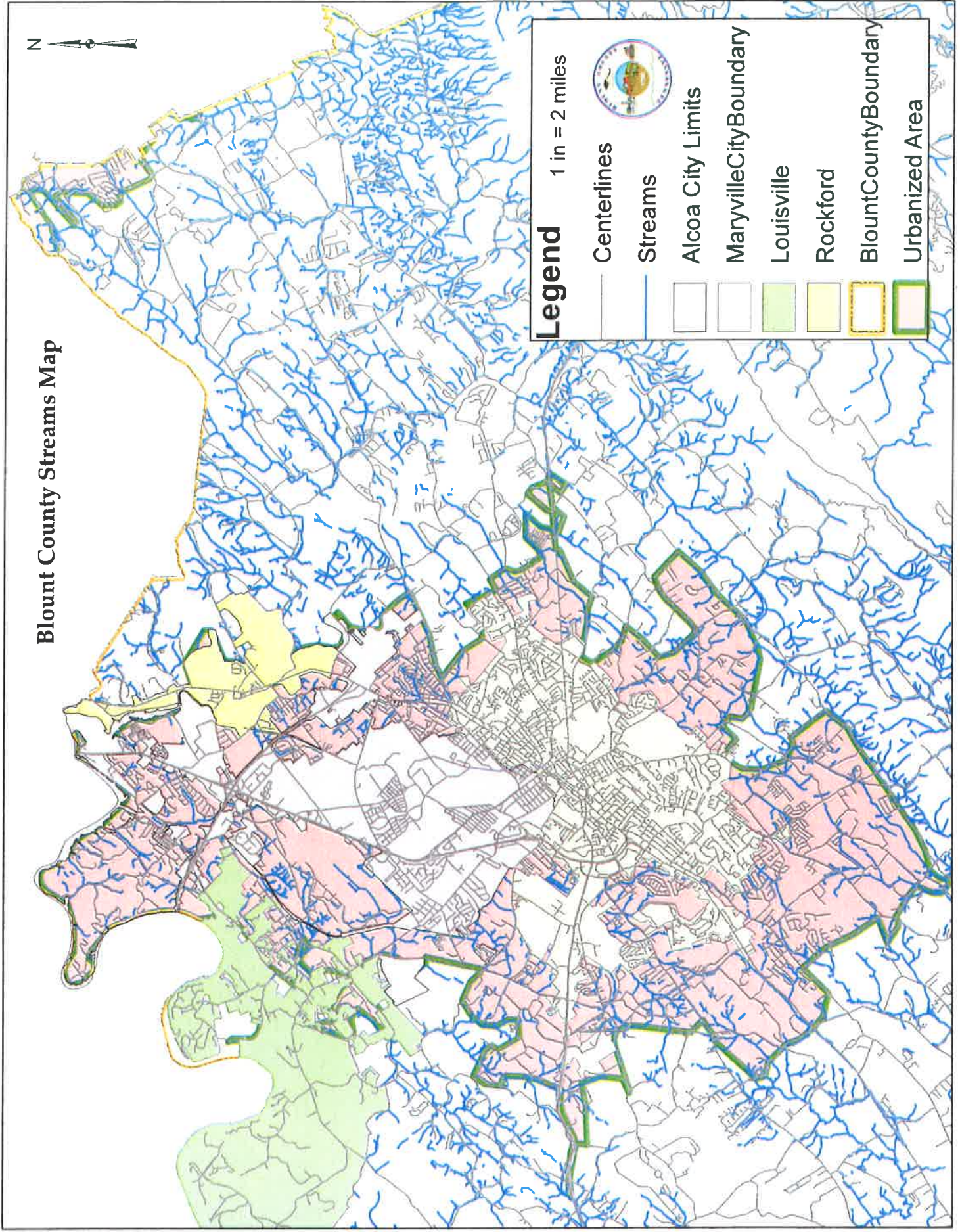
Maryville City Boundary

Louisville

Rockford

Blount County Boundary

Urbanized Area





Appendix A

TDEC Small MS4 Annual Report

Permittee Tracking No. TNS 075116

Permittee Name: **Blount County**

Section 3. B.

Waterbody I.D. #	Cause/TMDL Priority	Approved TMDL		MS4 Assigned to WLA	
TN06010201026 – 0100 Roddy Branch	Alteration in stream-side or littoral vegetative cover / NA Physical Substrate Habitat Alteration / NA Loss of biological integrity due to siltation / NA Escherichia coli NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201026 – 0200 Caney Branch	Physical Substrate Habitat Alteration/ NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201026 – 0300 HOLLYBROOK BRANCH	Unionized Ammonia /L Total Phosphorus L Alteration in stream-side or littoral vegetative cover /NA Loss of biological integrity due to siltation /NA Escherichia coli /H	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201026 – 0400 PISTOL CREEK	Loss of biological integrity due to siltation NA Escherichia coli NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201026 – 0410 SPRINGFIELD BRANCH	Nitrate+Nitrite /L Loss of biological integrity due to siltation /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201026 – 0420 BROWN CREEK	Alteration in stream-side or littoral vegetative cover /NA Nitrate+Nitrite M Loss of biological integrity due to siltation /NA Escherichia coli/ H	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201026 – 0421 DUNCAN BRANCH	Flow Alteration /NA	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
TN06010201026 – 0430 CULTON CREEK	Loss of biological integrity due to siltation /NA Escherichia coli /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
TN06010201026 – 0431 LAUREL BANK BRANCH	Loss of biological integrity due to siltation /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201026 – 0500 RUSSELL BRANCH	PCBs /L Loss of biological integrity due to siltation /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

TN06010201026 – 1000 LITTLE RIVER	PCBs /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
TN06010201026 – 2000 LITTLE RIVER	This 17.63 mile section of the Little River has been identified as "threatened" due to a documented decline in diversity at biological stations at miles 7.6 and 9.6./L	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
TN06010201027 – 0300 ROCKY BRANCH	Habitat loss due to alteration in stream-side or littoral vegetative cover /NA Loss of biological integrity due to siltation /NA Escherichia coli /H	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201027 – 0400 PEPPERMINT BRANCH	Loss of biological integrity due to siltation /NA Escherichia coli /H	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201028 – 0100 SPICEWOOD BRANCH	Loss of biological integrity due to siltation /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201028 – 0300 SOUTH FORK CROOKED CREEK	Habitat loss due to alteration in stream-side or littoral vegetative cover /NA Loss of biological integrity due to siltation /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201028 – 0500 FLAG BRANCH	Habitat loss due to alteration in stream-side or littoral vegetative cover /NA Loss of biological integrity due to siltation /NA Escherichia coli/ H	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201028 – 1000 CROOKED CREEK	Escherichia coli /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201031 – 1000 HESSE CREEK	Escherichia coli /NA	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
TN06010201032 – 0700 DRY BRANCH	Escherichia coli /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
TN06010201032 – 0800 SHORT CREEK	Nitrate+Nitrite /M	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201032 – 0820 TIPTON BRANCH	Habitat loss due to alteration in stream-side or littoral vegetative cover /NA Loss of biological integrity due to siltation /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201033-0100 LITTLE ELLEJOY CREEK	Nitrate+Nitrite/ L Escherichia coli/ NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

TN06010201033 – 0200 PITNER CREEK	Escherichia coli /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201033 - 1000 ELLEJOY CREEK	Escherichia coli /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201033 - 2000 ELLEJOY CREEK	Nitrate+Nitrite / L Loss of biological integrity due to siltation /NA Escherichia coli /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201034 - 0200 WILDWOOD BRANCH	Alteration in stream-side or littoral vegetative cover /NA Escherichia coli/ NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201034 – 1000 NAILS CREEK	Escherichia coli /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201083 – 1000 FLOYD CREEK	Loss of biological integrity due to siltation /NA Escherichia coli /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010201983 – 1000 POLECAT CREEK	Alteration in stream-side or littoral vegetative cover /NA Loss of biological integrity due to siltation /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010204020 - 1000 LITTLE TENNESSEE RIVER	Habitat loss due to stream flow alteration /NA	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
TN06010204042 – 0100 CENTENARY CREEK	Alteration in stream-side or littoral vegetative cover /NA Loss of biological integrity due to siltation /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010204042 – 0300 SIX MILE CREEK	Escherichia coli /NA	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
TN06010204042 - 0311 UNNAMED TRIBUTARY TO BIG SPRINGS BRANCH	Temperature Alterations /L	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
TN06010204042 – 1000 NINE MILE CREEK	Loss of biological integrity due to siltation /NA Escherichia coli /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010204043 – 0200 BINFIELD BRANCH	Escherichia coli /NA	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
TN06010204043 – 0300 LITTLE BAKER CREEK	Alteration in stream-side or littoral vegetative cover /NA Loss of biological integrity due to siltation /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
TN06010204043 – 1000 BAKER CREEK	Alteration in stream-side or littoral vegetative cover /NA Escherichia coli /NA	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No